

AGENDA ITEM #

July 12, 2002

To: Delta Protection Commission
From: Lori Clamurro, Delta Protection Commission Staff
Subject: Update on Status of Contract with Dept. of Conservation for Geographic Information Systems (GIS) Services

For Fiscal Year 01-02 (July 1, 2001 – June 30, 2002), the Delta Protection Commission contracted with the CA Dept. of Conservation (DOC) to perform Geographic Information Systems (GIS) services for the Commission; the amount budgeted for that contract was \$19,930. The closing of Teale Data Center's GIS division caused this change in service.

As of May 31, 2002, only \$6,288.97 of the budgeted \$19,930 has been billed to the Commission for GIS services performed by DOC. Consequently, the contract has been extended for another fiscal year (July 1, 2002 – June 30, 2003) with the remaining balance of \$13,641.03 from the original contract.

Per the contract, Exhibit B, the tasks to be performed by DOC for the Commission, and the status of the completion of those tasks, are as follows:

| Description of GIS Services | Budgeted (FY 01-02) | Expended* (FY 01-02) | Remaining (FY 02-03) |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|---------------------------------|
| Task 1: Maintenance and distribution of existing mapped data | \$4,200 | \$2,500.52 | \$1,699.48 |
| Task 2: Generation of new and updated maps | \$4,200 | \$1,217.06 | \$2,982.94 |
| Task 3: Maintenance and updates of maps on the DPC web page and FTP site (a site that would allow the public to download map data) | \$3,255 | \$133.36 | \$3,121.64 |
| Task 4: Research and develop other mapped data sources | \$4,200 | \$1,066.89 | \$3,133.11 |
| Task 5: Maintain "metadata" (the background information for each map) | \$2,100 | \$1,371.14 | \$728.86 |
| Administrative Overhead (11%) | (\$1,975) | N/A* | N/A* |
| TOTAL | \$19,930 | \$6,288.97 | \$13,641.03 |

*Cost determined by billing rate of \$105/hour **plus** 11% overhead for all tasks.

Activities Completed During FY 01-02:

Task 1: Maintenance and distribution of existing mapped data

- Reviewed original data provided by DPC staff
- Assessed and corrected Delta boundary files
- Attended data review meetings with DPC staff

Task 2: Generation of new and updated maps

- Generated a soils test map
- Generated a map of RCD areas in the Delta
- Attended DWR meetings on revision of the Delta boundary file

Task 3: Maintenance and updates of maps on the DPC web page and FTP site

- Reviewed DPC website

Task 4: Research and develop other mapped data sources

- Updated coverage for Dept. of Fish and Game lands
- Updated urban boundary layers for City of Oakley
- Updated Central Valley Habitat Joint Venture data
- Updated Important Farmland Data, 2000

Task 5: Maintain mapped metadata

- Upgraded metadata (background information) for existing and new files
- Upgraded metadata and information for wetlands inventory

Activities Anticipated for FY 02-03

More work is expected to be completed on Task 3, especially as it relates to the establishment and maintenance of a FTP site for DPC's GIS data (a FTP site enables the transfer of large amounts of data to anyone who has an Internet connection and FTP software).

In addition, DOC staff will be updating metadata and files for all GIS files as they are determined to have changed over the course of 2002 and 2003, per information obtained by DPC Executive Director Margit Aramburu. Files expected to be updated include those for land ownership and fee/easement title, urban boundaries, recreational facilities, and parcel data.